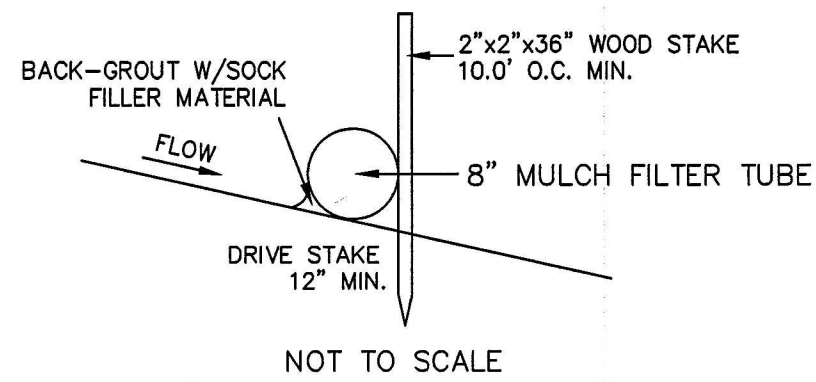


SILTATION CONTROL DETAIL
8" MULCH FILTER TUBE " COMPOST SOCK"



PRIOR TO ANY WORK

1. REVIEW APPROVED PLANS AND ORDER OF CONDITIONS, IF APPLICABLE, WITH THE CONSTRUCTION SUPERVISOR.
2. EROSION CONTROL IS TO BE STAKED IN PLACE PRIOR TO ANY DISTURBANCE OF THE AREA AND IS TO BE MAINTAINED IN GOOD CONDITION UNTIL ALL WORK IS COMPLETE AND THE AREA HAS BEEN STABILIZED. EROSION CONTROL IS TO BE PLACED ALONG THE FACE OF THE EXISTING STONE WALL AT THE REAR OF THE EXISTING LAWN.

STOCKPILING BUILDING MATERIAL AND RUNOFF PREVENTION
BUILDING MATERIAL IS TO BE STOCKPILED EITHER ON THE EXISTING PAVED DRIVEWAY OR IN THE FRONT YARD AREA AS SHOWN ON THE PROPOSED CONDITIONS PLAN VIEW.
EXCESS MATERIAL EXCAVATED FROM THE POOL AREA IS TO BE REMOVED FROM THE SITE THE SAME DAY OR IF IT IS TO BE REUSED ON THIS SITE AT A LATER DATE THE EXCESS MATERIAL IS TO BE COVERED WITH TARPS TO PREVENT RUNOFF. ANY EARTH PILE ON THE SITE ARE TO HAVE A SILT SOCK PLACED AROUND IT TO PREVENT RUNOFF INTO THE ROAD OR ONTO NEIGHBORING SITES.

THE SITE IS TO BE KEPT CLEAR OF ALL DEBRIS ON A DAILY BASIS AND ALL SEDIMENT TRACKED OR OTHERWISE DEPOSITED INTO THE ROADWAY PAVEMENT IS TO BE SWEEPED AT THE END OF EACH WORK DAY. THE CATCH BASINS LOCATED IN THE ROADWAY ALONG THE FRONTAGE OF THIS SITE ARE TO BE FITTED WITH INLET PROTECTION.

ALTERATION TO RESOURCE AREA AND BUFFER ZONES :
RESOURCE AREAS :

A BORDERING VEGETATED WETLAND EXISTS IN THE AREA BEHIND THE HOUSE AND COVERS THE EASTERLY PORTION OF THE LOT.
THE 100 FOOT BUFFER ZONE ENCOMPASSES THE MAJORITY OF THE PROPERTY.

WORK PROPOSED IN THE 25 FOOT NO ALTERATION ZONE (NAZ) INCLUDES THE REMOVAL OF THE EXISTING LAWN BETWEEN THE EXISTING STONEWALL AND THE LIMIT OF THE 25' NAZ. THIS AREA EQUALS 430 S.F. AND IS INTENDED TO BE USED AS MITIGATION PLANTING. THE EXISTING LAWN IS TO BE TURFED-OFF TO EXPOSE NATIVE TOPSOIL. THE TURFED-OFF LAYER IS TO BE COLLECTED AND DISPOSED OF OFFSITE. A TOP LAYER OF 2-4 INCHES OF LOAM IS TO BE SPREAD OVER THE MITIGATION AREA TO SUPPLEMENT EXISTING TOPSOIL.

NATIVE PLANTINGS ARE TO BE HAND PLANTED THROUGHOUT THE MITIGATION AREA AND ARE TO INCLUDE NATIVE SHRUBS AND SAPLINGS. PLANTS SHALL BE SPACED IN ACCORDANCE WITH DEP GUIDANCE AT 8-10 FT. ON CENTER FOR SHRUBS AND 10-15 FT. ON CENTER FOR SAPLINGS.

WORK WITHIN THE 100' WETLAND BUFFER INCLUDES THE REMOVAL OF THE EXISTING LAWN, PATIO AND PORTIONS OF THE EXISTING RETAINING WALLS WHICH EXTEND FROM THE HOUSE. PROPOSED CONSTRUCTION INCLUDES AN 18' x 36' IN-GROUND POOL WITH ASSOCIATED PAVED PATIO, INCLUDING NEW BOULDER RETAINING WALLS AND A WALL SEATING AREA WITH FIRE PIT AND AN OUTDOOR KITCHEN AREA.

RESOURCE AREA DELINEATION :
ENVIRONMENTAL CONSULTING & RESTORATION LLC OF PLYMOUTH, MA. HAS DELINEATED THE WETLAND LINE SHOWN ON MARCH 30, 2020. BRAD HOLMES, PWS, MCA, MANAGER. FLAGS ARE PINK/BLACK STRIPED.

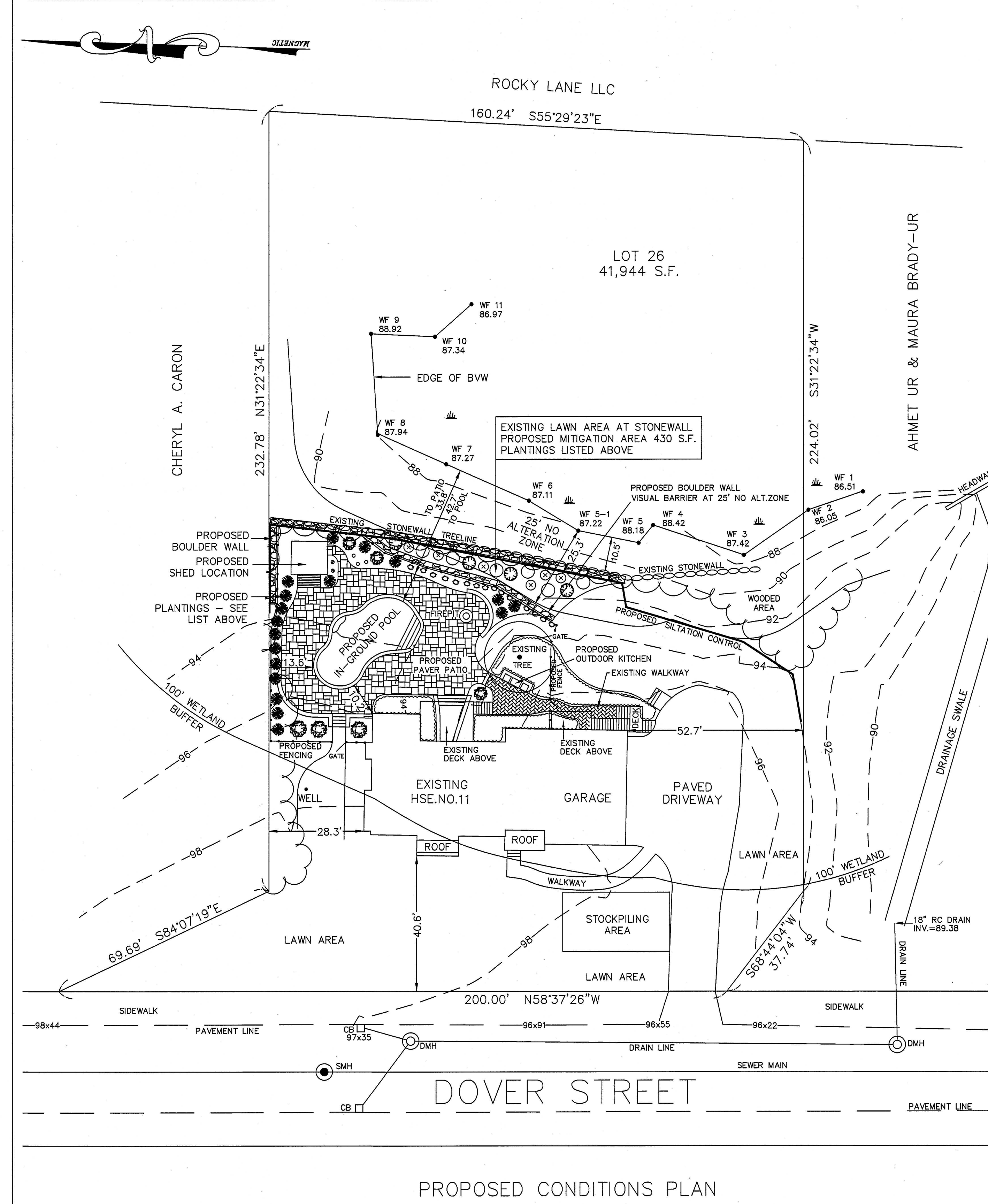
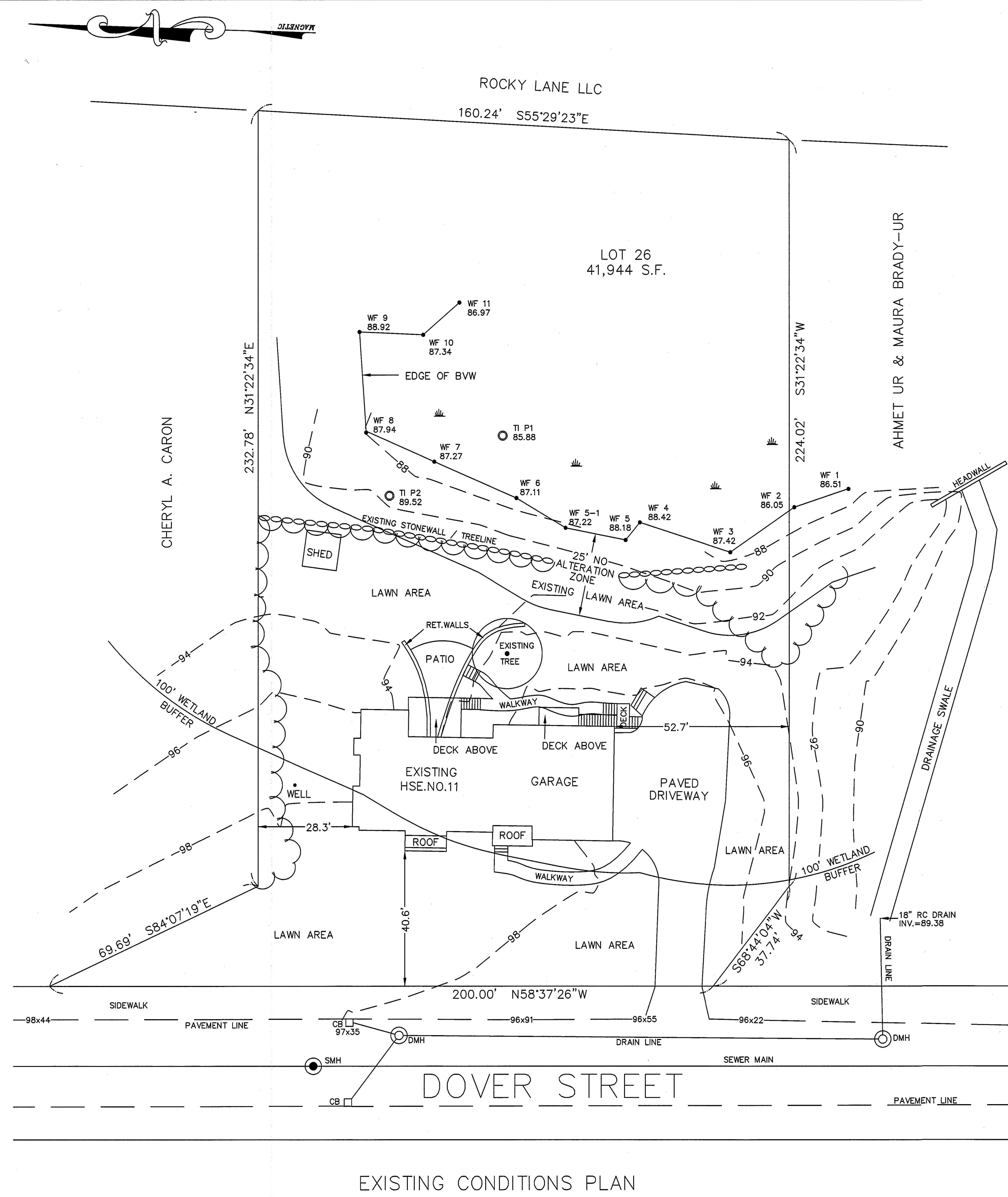
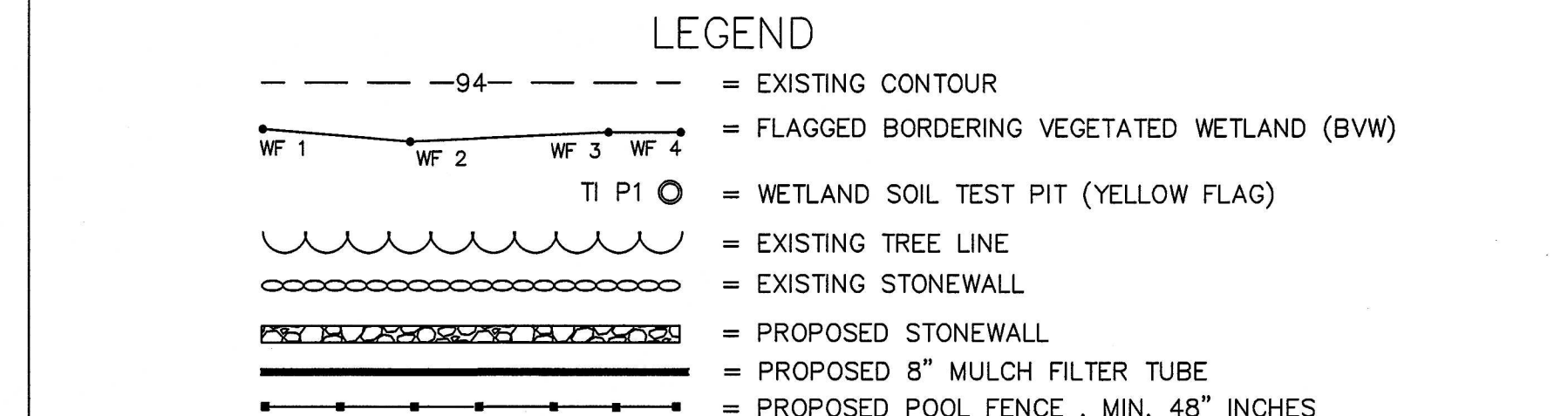
NEAREST POINT OF DISTURBANCE TO RESOURCE AREA (BVW) = 10.5' (WORK AT EXISTING STONE WALL)

DISTURBANCE WITHIN 25' NO ALTERATION ZONE = 430 S.F.
DISTURBANCE WITHIN 100' BUFFER ZONE = 4530 S.F.
POOL = 463 S.F.
PATIO AND WALKWAYS = 1853 S.F.
LAWN AND PLANTINGS = 1784 S.F.
25' NO ALTERATION ZONE = 430 S.F.
4530 S.F.

POOL FENCING IS TO BE A MINIMUM OF 48 INCHES TALL AND IS TO HAVE OUTWARD OPENING, SELF-CLOSING, SELF-LATCHING GATES.

PROPOSED PLANT LIST			
SHRUBS		QUANTITY	SIZE
INKBERRY	ILEX GLABRA	6	5 GL
BLUSHING BRIDE HYDRANGEA	HYDRANGEA MACROPHYLLA 'BLUSHING BRIDE'	3	5 GL
LIMELIGHT HYDRANGEA	HYDRANGEA PANCULATA 'LIMELIGHT'	3	5 GL
WINTERED WINTERBERRY	ILEX VERTICILLATA	4	5 GL
CLETHRA	CLETHRA ALNIFOLIA	6	5 GL
BEARBERRY	ARCTOSTAPHYLOS UVA-URSI	16	3 GL
PERENNIALS			
KARL FORESTER GRASS	CALAMAGROSTIS ACUTIFLORA	18	3 GL
DAYLILY	HEMEROCALLIS 'STELLA D'ORO'	3	1 GL
WALKERS LOW CATMINT	NEPETA FAASSENII 'WALKERS LOW'	2	1 GL

○ = INKBERRY
● = BLUSHING BRIDE HYDRANGEA
● = LIMELIGHT HYDRANGEA
● = WINTERED WINTERBERRY
● = CLETHRA
● = BEARBERRY
● = KARL FORESTER GRASS
● = DAYLILY
● = WALKERS LOW CATMINT



LOCUS MAP : 1"= 1,000'

ASSESSORS MAP 11 BLOCK 57 LOT 2
ZONING CLASSIFICATION : R
COVERAGE BY STRUCTURES : 25 %
EXISTING BY STRUCTURES : 6.54 %
PROPOSED BY STRUCTURES : 6.54 %

COVERAGE BY IMPERVIOUS : 40 %
EXISTING IMPERVIOUS : 13.46 %
PROPOSED IMPERVIOUS : 19.49 %

MINIMUM USEABLE OPEN SPACE : 50 %
EXISTING USEABLE OPEN SPACE : 86.54 %
PROPOSED USEABLE OPEN SPACE : 80.51 %

OWNER & APPLICANT :
JASON & MARILENA M. MARTUCCI
11 DOVER DRIVE
WALPOLE, MA. 02081

PROPOSED
IN-GROUND POOL
AT
NO.11 DOVER DRIVE
IN
WALPOLE, MA.
SCALE 1"=20' APRIL 8, 2020

RALPH I. MALOON P.E. DATE April 8, 2020

CRAIG E. CYGANOSKI R.L.S. DATE April 8, 2020

REVISION BLOCK

GRAPHIC SCALE - FEET
0 10 20 40 60

RIM
ENGINEERING CO., INC.
P.O. BOX 32 MANSFIELD, MA. 02048
(508) 339-3731 RIMENGINEERING@VERIZON.NET
MARTUCCI 11 DOVER DRIVE WALPOLE
PROPOSED IN-GROUND POOL PLAN 04/08/20